

20
11/24/15
not supported
101-
2005
new 101-(19, 20, 21)
Please amend claims 1-8, 11, 13-14 and 16-21 as follows:
17/162 167(XML tag) ~~checked?~~ not allowable
In the Claims:

1. (Currently Amended) ~~An information processing method, A~~

method for supporting program development, said method comprising:

analyzing XML data corresponding to a form screen, and specifying a business class coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business classes classes, which are classes before compilation, and to be created created, are registered and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, registering said item of the specified business class in said business class manager.

2. (Currently Amended) ~~The information processing method~~
as set forth in claim 1, further comprising:

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

(claim 6
→ claim 1)
1-8
12
13-14
16-21

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166
132
34

3. (Currently Amended) The ~~information processing method~~ as set forth in claim 1, further comprising:

reading out an HTML file for said form screen, and generating XML data corresponding to said form screen according to a predetermined rule.

4. (Currently Amended) The ~~information processing method~~ as set forth in claim 1, wherein said analyzing and specifying comprises specifying a pre-processing class, a post-processing class and a form processing class, so as to correspond to a start tag or an end tag of said XML data corresponding to said form screen.

5. (Currently Amended) The ~~information processing method~~ as set forth in claim 3, further comprising:

generating said HTML file for said form screen in response to an instruction of a user.

6. (Currently Amended) The ~~information processing method~~ as set forth in claim 1, further comprising:

specifying a form item storing object by a tag included in said XML data corresponding to said form screen;

referring to a form item storing object manager in which items of form item storing objects to be created are registered, and judging whether an item of the

specified form item storing object has not been registered in said form item storing object manager; and

upon detecting that said item of the specified form item storing object has not been registered in said form item storing object manager, registering said item of the specified form item storing object into said form item storing object manager.

7. (Currently Amended) ~~An information processing method,~~ A method for supporting program development, said method comprising:

analyzing XML data corresponding to a form screen, and specifying a business class coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business ~~elasses~~classes, which are classes before compilation and to be created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

8. (Currently Amended) An information processing method, comprising:

obtaining XML data including a tag corresponding to data inputted or selected for a form screen, and specifying a business ~~class that~~class, wherein said

business class corresponds to said tag included in said XML data and is ~~an~~
executable program for carrying out a processing relating to said tag;~~and~~
executing the specified business ~~class~~class; and
outputting data including a processing result by said specified and
executed business class to an apparatus that displayed said form screen.

9. (Original) The information processing method as set forth in claim 8, wherein said obtaining and specifying comprises specifying a pre-processing class, a post-processing class, and a form processing class that correspond to a form of said form screen and a tag included in said XML data.

10. (Previously Presented) The information processing method as set forth in claim 8, further comprising:

outputting said data inputted or selected for said form screen to a form item storing object that is defined in advance and is loaded into a memory;

storing said data inputted or selected for said form screen into said memory by said form item storing object; and

performing a processing by exchanging data between the executed business class and said form item storing object.

11. (Currently Amended) The information processing method as set forth in claim 10, ~~wherein said performing comprises:~~ 8, further comprising:

~~if data is transferred from a first business class to a second business class,~~ outputting said data to an interclass interface object that is defined in advance and is loaded into said memory, by ~~asaid first business class;~~ class, in order to transfer said data from said first business class to said second business class; and

referring to said interclass interface object and receiving said data from said interclass interface object by said second business class.

12. (Original) The information processing method as set forth in claim 8, further comprising:

receiving data inputted or selected for said form screen from an apparatus that displayed said form screen, and generating said XML data including said data inputted or selected for said form screen and corresponding tags.

13. (Currently Amended) The information processing method as set forth in claim 10, ~~further comprising:~~ 8, wherein said outputting comprises:

~~if upon detecting that~~ an output request is received from the executed business class, generating output XML data ~~by using data held in said form item storing object;~~ based on said processing result by said specified and executed compiled business class; and

outputting said output XML data to said apparatus that displayed said form screen.

14. (Currently Amended) The information processing method as set forth in claim 8, further comprising:

~~if~~upon detecting that the specified business class does not exist, generating and outputting error information.

15. (Previously Presented) The information processing method as set forth in claim 8, wherein each of the executed business classes is configured so as to complete a processing for the entire form relating to said form screen by a processing of the executed business classes without a program defining a processing sequence.

16. (Currently Amended) A program embodied on a computer-readable medium, for causing a computer to execute an information processing, said program comprising:

analyzing XML data corresponding to a form screen, and specifying a business class coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business ~~classes~~classes, which are classes before compilation and to be created~~created~~, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, registering said item of the specified business class in said business class manager.

17. (Currently Amended) A program embodied on a computer-readable medium, for causing a computer to execute an information processing, said program comprising:

analyzing XML data corresponding to a form screen, and specifying a business class coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business ~~classes~~classes, which are classes before compilation and to be ~~created~~created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

18. (Currently Amended) A program embodied on a computer-readable medium, for causing a computer to execute an information processing, said program comprising:

obtaining XML data including a tag corresponding to data inputted or selected for a form screen, and specifying a business ~~class that~~class, wherein said

business class corresponds to said tag included in said XML data and is ~~an~~
executable program for carrying out a processing relating to said tag; ~~and~~
executing the specified business ~~class~~class; and
outputting data including a processing result by said specified and
executed business class to an apparatus that displayed said form screen.

19. (Currently Amended) An information processing apparatus,
comprising:

an analyzer ~~for analyzing~~that analyses XML data corresponding to a
form screen, and specifying a business class coded in an object-oriented programming
language, said business class corresponding to a tag included in said XML data;

a checker ~~for referring~~that refers to a business class manager in which
items of said business ~~classes~~classes, which are classes before compilation and to be
~~created~~created, are registered, and ~~judging~~judges whether an item of the specified
business class has not been registered in said business class manager; and

a register ~~for registering~~that registers said item of the specified business
class in said business class manager, upon detecting that said item of the specified
business class has not been registered in said business class manager.

20. (Currently Amended) An information processing apparatus, comprising:

an analyzer ~~for analyzing~~ that analyses XML data corresponding to a form screen, and specifying a business class coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

a checker ~~for referring~~ that refers to a business class manager in which items of said business ~~classes~~ classes, which are classes before compilation and to be ~~created~~ created, are registered, and ~~judging~~ judges whether an item of the specified business class has not been registered in said business class manager; and

a generator ~~for generating~~ that generates template source program data for the specified business class, upon detecting that said item of the specified business class has not been registered in said business class manager.

21. (Currently Amended) An information processing apparatus, comprising:

a first ~~processor, obtaining~~ processor that obtains XML data including a tag corresponding to data inputted or selected for a form screen, and ~~specifying~~ specifies a business ~~class that~~ class, wherein said business class corresponds to said tag included in said XML data and is an executable program for carrying out a processing relating to said tag; and

a second ~~processor, executing~~ processor that executes the specified business ~~class~~ class; and

a third processor that outputs data including a processing result by said
specified and executed business class to an apparatus that displayed said form screen.